

ANCHORAGE AMATEUR RADIO CLUB

PRESIDENT-HARVEY ROOKUS-NL7DK-333-4693
CLUB PHONE:345-0719

APRIL 1989



VALDEZ SLED DOG RACES
Roy KL7GQ and Ross KL7MI (See page 7)

RONDY GRAND PRIX SPORTS CAR RACES

The 1989 Rondy Grand Prix Sports Car Races were held at International Airport Rd. and Jewell Lake Rd. on Feb 11 and 12. Ham radio operators were present at all corners, start/finish line and race control. Great fun was had by all. The race was red flagged (stopped) once each day by the same car falling over onto its top. Snow banks were attacked on several occasions but held firm against attempts to breach by the enthusiastic drivers.

I wish to thank the following hams for their worthy and well done assistance in this years race. Start/finish line Fred KL7SE, corner 1 Steve KL7JIM, corner 2 Kent KF7S, corner 3 Tom NL7QA and Bob AL7KS, corner 4 Bob NL7PT, corner 5 Lil NL7DL and Dianne NL7KN, corner 6 Dave NL7MD. Myself lurched forth to do the control shack, Ed KL7DU.

NEWS FROM THE DOG KENNEL - NL7DK

Well another event in the life of the Ham Operator is well on the way to being over with a neck and neck race going on in the Iditarod. Hope it turns out the way you want it. The main topic of discussion right now is the Proposed Tower Ordinance that Planning and Zoning is working on. I hope that by the time you read this that perhaps the Ham community has been exempted from same. Two of our members have put in hours of legal study and I want to Thank them. Mike McLaughlin - WA7USX and a new member Bob Griffin - AL7KS, both Legal Eagles. Thanks guys!! Our Speaker last month, Sara McCullough of the Red Cross, took the time to write a letter to the Municipality on behalf of Amateurs and their Towers. Thanks to Sara. GOOD NEWS We have a Newsletter Editor. She is KL7PA Lone Janson, Ann - AL7KM's Mother. Welcome Lone - KL7PA. Ann will be helping for awhile, but don't forget if you want to be an author give Lone or Ann the word. Well, that's the good news. The gooder news is I am packing to go to Hawaii for two weeks. See you at the Club Meeting. 73 *Harvey*

Assistant Director of Northwest Division ARRL

In February I was appointed the Assistant Director for the NW Division of ARRL. As I understand it I am the local go between for the NW Director - Rush Drake. Anyway, as I understand it, I am to pass information in both directions for the ARRL. If you have any information that you want to pass on, or desire any information from ARRL, please send them to me via US Mail at 3310 Checkmate Drive, Anchorage, AK 99508 or via twisted pair at 333-4693.

AARC BOARD MEETING MARCH 8, 1989

The meeting was called to order by the illustrious president Harvey Rookus on or about 1905 hours. No reports or comments were presented by the Vice President, Gaming Chairman, Activities Chairwoman nor Secretary.

Treasurer reports that the club has reorganized its investments to achieve the maximum return on its dollar and now has:

\$16,000 Life Member Reserve Fund
\$16,500 Gaming Account
\$ 7,000 Corporate Investment Account
\$ 2,005 Checking Account

Our outstanding News Letter Editor announced that she has made this into a family affair by Railroading her mother into becoming Chief Editor, or in other words the worker. So the Club Editor is now Lone Janson KL7PA. Thanks for all your time Ann. Please help mom out now.

An outstanding bill for \$100 was presented to the treasurer from the club Christmas Party and is now paid.

Membership Chairman, Lance AL7BK reports the club has 342 members (145 life and 3 silent keys), 233 are ARRL members (69.3%) of which 37 of those are life members of ARRL.

it was moved, seconded and passed that Lance was authorized to purchase mailing labels and printer ribbons on sale plus stamps all for club use.

The Activities Chairwoman was finally moved to report that she is still solvent and will purchase more prizes for the next club meeting. The next meeting will be a foreign news reel of the 1988 Iditarod race.

Doug KL7IKX, reported that the chugach repeater controller locked itself up and died. The budget included funds to cover this contingency so he was authorized to order a new controller for \$1715. At this point in the meeting Mr AL7BB woke up and waved his black hat and then went back to sleep.

The intermod problem on the 94 repeater is still around and unfathomable. There is a person in Seattle with a computer enhanced intermod evaluation system who comes to Anchorage periodically. After discussion it was moved, seconded and passed that the club expend not to exceed \$750 to try to solve the intermod problem on the 94 repeater by hiring this person to analyze the problem. The President will contact the person to make arrangements.

A lengthy discussion followed concerning the current draft of a tower ordinance now before the Anchorage Assembly Subcommittee. If passed as written we are all out of business except for a 15 foot high antenna in the middle of Derek's back yard. All hams need to keep close watch on this one. For one thing it says you will have to have parking space for at least two vehicles at each transmitting tower/antenna site and that you cannot park vehicles there that are not for repair or maintenance of the tower/antenna. Oops there goes my BMW says BB. This one is a serious threat to our hobby so listen up on it.

More lengthy discussion, with no resolution, was held on the need for some commercial outlet for ARRL publication in the Anchorage area. Any ideas members?

The meeting ended with a discussion of the participation of the club in Iditarod this year, in the past and in the future.

Then we all went home. The End. AL7GN

FOR SALE

THE XCUR FOR SALE IS A BRAINS NEW TS-940-S WITH BUILT-IN AT AND MC-425 HANDHELD MIC. I USED IT FOR ABOUT 30 MINUTES AND PUT IT BACK IN THE BOX. NICE AS IT IS, MY PRIMARY STATION IS A KWM-380 AND I HAVE THE OLD S-LINE AS A BACKUP. I KNOW WHAT THIS "CHRISTMAS PRESENT" COST THE FAMILY, AS IT WAS ORDERED FROM A.E.S. IN MILWAUKEE AND SHIPPED U.P.S. HERE. I DO NOT INTEND TO "GIVE THIS UNIT AWAY" AS THE XCUR, MIC AND U.P.S. CHARGES RAN WELL OVER \$5,000⁰⁰. BUT I WOULD CONSIDER ANY SERIOUS OFFERS ON A "YOU PICK UP, CASH ONLY" SALE.

AL7I
Ben H. Le Norman
P.O. Box 1459
Homer, Alaska 99603

ANCHORAGE AMATEUR RADIO CLUB

ROSTER CHANGES

EFFECTIVE MAR. 1, 1989

NEW MEMBERS

CALL	NAME	ADDRESS	CITY	STATE ZIP	PHONE
AL7KS	GRIFFIN, ROBERT	7727 BLACKBERRY	ANCHORAGE	AK 99502	H:243-2729 W:274-5546
NL7PT	HUNT, ROBERT A & BETTY	14900 SIERRA WY	ANCHORAGE	AK 99516	H:345-6543 W:271-4176
NL7PU	IRWIN, MARIE C.	21-483B CITRUS AV	EAFB	AK 99506	H:753-4373
WL7BSR	LUCE, DAVE	POB 1325	FAIRBANKS	AK 99707	H:488-2602 W:452-1831
NL7PX	MATTHEWS, CHARLES E. & RHONDA	500 MARY CIR	ANCHORAGE	AK 99515	H:344-5697 W:264-8439
KL7SI	PASH, JOHN	5553 KENNYHILL	ANCHORAGE	AK 99504	H:337-7728

NL7HI DIXON, JIM POB 83116 FAIRBANKS, AK 99708 W:474-7274

CHANGES, ETC.

AL7ID ANTONUK, JOHN -- CHANGE HOME PHONE TO 522-5226
 KL7ICB BAINS-JORDAN, JOHN -- DELETE WORK PHONE #
 BATHONY, TIBOR -- CHANGE ADDRESS TO: 711 W. WILLOUGHBY AV #17, JUNEAU, AK 99801-1872
 AL7JM BENNETT, MICHAEL J -- CHANGE TO J. MICHAEL BENNETT
 NL7JT CASSEL, JOSEPH M -- CHANGE STREET NAME TO "BIGLERVILLE"
 KL7IKX DICKINSON, DOUGLAS P 'DOUG' -- CHANGE WORK PHONE TO 267-1223
 AL7HN EASLEY, JACK D -- CHANGE HOME PHONE # TO 745-8431
 W6YMR FRIEBERTSHAUSER, BOB -- DELETE HOME PHONE #
 NL7IJ GILBERT, ELEZABETH L -- CHANGE WORK PHONE # TO 264-7394
 KA7EVU GRANDBOIS, JACQUELINE V -- CHANGE CALL SIGN TO NL7NZ; CHANGE ADDRESS TO POB 190567, ZIP 99519-0567; DEL HOME PHONE
 KL7GHB GREENE, GUY -- DELETE -- MEMBERSHIP LAPSED
 KL7FRO HOLT, ROBERT M. -- CHANGE STREET ADDRESS TO 12844 CHAPEL CIR & ZIP TO 99516
 NL7MD IRWIN, DAVID W -- CHANGE ADDRESS TO 21-483 B CITRUS AV; CHANGE WORK PHONE # TO 552-3034
 AL7JR KLIEN, RONALD S -- CHANGE SPELLING OF LAST NAME TO 'KLEIN'
 KL7HAB LAWRENCE, DAVID & CHERYL -- CHANGE ADDRESS TO 6650 VALENTINE CIR & ZIP TO 99507
 KL7YF MARVIN, RICK -- ADD WORK PHONE # 264-8439
 KL7GRG MEIERHOFF, DON R -- ADD WORK PHONE # 248-7954
 NANCE, MARTIN -- ADD CALL SIGN 'NL7PZ'
 O'NEAL, THOMAS P & GENEVA -- ADD CALL SIGN 'NL7QA'
 KL7HP PATTERSON, EDWARD -- DELETE -- MEMBERSHIP LAPSED
 KL7JES PRESTON, KAREN E -- CHANGE SPELLING OF FIRST NAME TO 'KARIN'
 KL7VQ SOLTIS, FRANCIS -- CORRECT CALL SIGN TO READ 'KL7UQ'
 KL7HJD STEVES, HAL -- DELETE WORK PHONE #
 KL7AVS TEGELER, MERRITT -- CHANGE ADDRESS TO POB 306 MI 187 GLENN HWY; CHANGE WORK PHONE # TO 822-3477
 KL7NU WEATHERLY, MARV -- CHANGE ADDRESS TO TU INT'L POB 9901, VANCOUVER, WA 98668

	CALL	FROM	TO
ANCHORAGE			
JOAN E. BELLER	WL7BTW	NOVICE	TECHNICIAN
MERLE L. BELLER	WB9GTT	ADVANCED	AMATEUR EXTRA
MICHAEL L. FOSTER		NO LICENSE	NOVICE
DAVID B. FULLER		NO LICENSE	TECHNICIAN
FRANKCIS D. HURLBUT III	NL7HP	GENERAL	ADVANCED
THOMAS P. O'NEAL	NL7QA	TECHNICIAN	GENERAL
BRENDA L. PLESSINGER		NO LICENSE	TECHNICIAN
LAWRENCE R. PLESSINGER	K3KTW	GENERAL	ADVANCED
LARRY C. VOLZ JR.	WL7BSJ	TECHNICIAN	GENERAL

EAGLE RIVER			
WALTER S. BROPHY	AL7KE	ADVANCED	AMATEUR EXTRA
PETER M. HEGG	NL7PS	TECHNICIAN	GENERAL
DAVID J. HONNEN		NO LICENSE	NOVICE
ROBERT A. HUNT	NL7PT	TECHNICIAN	GENERAL
KATRINA L. KERSHNER	NL7MZ	TECHNICIAN	GENERAL
GERARD F. JOHNSON	NL7OO	GENERAL	ADVANCED
MARTIN J. NANCE	NL7PZ	TECHNICIAN	GENERAL
JOHN R. MEARS		NO LICENSE	ADVANCED
CHARLES E. TETREAULT		NO LICENSE	TECHNICIAN
FREDERICK A. SAWYER (formerly KL7CJI)		NO LICENSE	GENERAL

FAIRBANKS			
MELISSA A. CONNOR (10 YEARS OLD)	WL7BTK	NOVICE	TECHNICIAN
JILL T. HANNAN		NO LICENSE	NOVICE
DENNIS G. QUINN	NL7PE	GENERAL	AMATEUR EXTRA
ROBERT S. SITTON	KB7FHL	TECHNICIAN	GENERAL
RANDY J. BROWN	WL7BTS	NOVICE	TECHNICIAN

JUNEAU			
LINDA S. BERG	WL7BRP	NOVICE	TECHNICIAN
JOHN T. MOORE	KL7PF	GENERAL	ADVANCED

SOLDOTNA

submitted by Roger Hansen, KL7HFO, VEC Director)

VALDEZ DOG SLED RACES, MARCH 1989
by Agnes Hansen

On Saturday and Sunday, March 4 and 5, Valdez, Alaska was the place to be, despite blowing wind, howling dogs, and a small crowd of people. This was our annual sled dog races. This race was very eventful, the dogs were eager, mushers looked good and the spectators who braved the cold enjoyed it. My husband Roy is a Ham radio operator, so he had all his "Ham men" out there and they did a marvelous job with the communications. Roy KL7GQ covered the starting line, Lefty NL7CA took the Glacier Stream area, and Ross KL7MI went onto the back trail with his snow machine. Also assisting were Mamie Conners AL7DG, and Duane Miller, WL7ARM. Alyeska Pipeline Company donated hand-held radios on loan.

Mushers from as far away as Minnesota were supposed to be here, but weather prevented them from coming through Thompson Pass. The Pass was closed intermittently for the last week. Well-known Alaskan mushers Roxy Wright-Champagne, Tim Redington, Tom Crafton, Sue Winingham, Dan Morrison, and Kat Street were the mushers who ran the 15 mile race competing for \$5,000 in prizes.

On the first day the ladies got blown off the trail. In some parts of the trail were 65-70 mile-an-hour winds. Roxy was disqualified because she used the aid of a snow machine to help her get back on the trail. Sue turned back half-way into the winds, Kat did the same, and both were scratched. All three were ineligible to race the next day, so just the men raced. First place winner was Tim Redington, second place was Tom Crafton, and last place none other than Dan Morrison.

CLUB BELT BUCKLES

For an order to be placed for the Club Belt Buckle, we need a minimum of 25 requests. This will give us per each price of \$9.50. If you are interested get your order in to NL7DK - Harvey via card or letter so there will be no mix up in callsigns on the buckle. Send your order to Harvey Rookus at 3310 Checkmate Drive. I will try to place order approx. May 1st.

CLUB JACKETS

If you are interested in having a Club Jacket, please contact NL7DK-Harvey 333-4693 to place your order. The cost is \$32.50 per jacket. I will be placing the order approx. May 1st.

Just a Point of Interest

Tim Pettis - KL7WE tells me that he has WAS on 432 and his certificate number is 15. He is now helping others to do the same. If it's Meteor Scatter, Moon Bounce or whatever, Tim will get there.

Anchorage Amateur Radio Club
Board of Directors

From: Doug Dickinson
AARC Technical Support Group
07 March 1989

Subject: Replacement of KL7AA/UHF Controller.

Over the weekend of March 4,5,6th, 1989, the local power company once again managed to glitch the "dit dit controller" which has been installed on the KL7AA-UHF repeater located at 2800 E. Dowling road, I visited the site Monday, added a backup battery for the controller, and spent nearly two hours beating the smoke and electrons back into the cabinet. This controller has caused our technical support group untold amounts of grief, extra work, at all hours of the day and night. We started with this controller installed on the 146.94 machine, high on the mountain, as some of you may remember in a blowing snow storm one winter night, the controller developed a fatal error in it's microprocessor, locked up and keyed the 94 repeater for nearly an hour. We then bought the RC-850 controller now in use on the 94 machine, which for discussions has had exactly one non-fatal failure since being installed.

Now it is time to replace the "dit dit controller" once and for all, retiring this piece of junk to some garbage pile where we won't be charged with littering. I therefore recommend that we replace the Micro Control Specilites Mark 3 controller with a Advanced Computer Control RC-96 controller. This controller is the "little brother" to the RC-850 that has so sucessfully been controlling 146.94.

Among other things that the proposed RC-96 will allow:

- a. Autodial and Autopatch codes using the same access as the 146.94 repeater. This will ease the user confusion between the two repeaters, a critical item during times of Emergency.
- b. Remotely configurable via telephone, or radio. Easing the control operators load.
- c. All Autodial,Autopatch, and access information stored in EEprom, which means that power failures, and power glitch's won't affect the controller.
- d. Touch Tone (r) muting which makes monitoring the repeater much easier for all users.
- e. CTCSS decoding, remotely controllable, so when the intermod becomes so severe that normal operation is limited, we can remotely switch to CTCSS decode, and block the intermod from timing out the repeater.
- f. Local DTMF pad, display, and tech controls available at the front and back panel making setup by the tech committee easier.

Bottom line for this upgrade is \$1715.00, this amount is less than has been set aside for this impending replacment. I would like to request permission to order one each RC-96 Repeater Controller, and a check for the amount of \$1715.00 to Advanced Computer Controls.

from RCR February 27, 1989

Reaction mixed to UPS ideas on how to govern 220MHz band.

Jeffrey Silva

WASHINGTON- One company's idea on how to govern the new 220-222 mhz private land mobile narrowband allocation has drawn only lukewarm industry support.

The package of service rules proposed by United Parcel Service of America Inc. for the new spectrum emphasizes nationwide assignments, data delivery and tight technical guidelines.

Overall, forestry, railroad and trucking radio services advocates, as well a major narrowband manufacture said they are eager to move ahead, but must first work out differences over the channel allotment structure and technical standards crafted by UPS. Most parties backed UPS's 5KHz channeling plan.

The American Radio Relay League Inc., representing the amateur radio industry, asserted it is premature to establish 220-222Mhz service rules in view of the 550 pending petitions (mostly from individual amateurs) for reconsideration of the narrowband ruling. The ARRL also pointed out the coordination required between government and non-government eligibles as well as setting standards for the necessary equipment as factors that may require more consideration.

In the FCC decision last summer, amateurs were given exclusive access to the 222-225MHz band after previously sharing use of the 220-225MHz block (RCR, Aug. 29, 1989, p1).

Forest Industries Telecommunications said the UPS scheme to set aside four blocks of 10 contiguous channels for nationwide data operations and two sets of 10 channels on a local basis "would be highly undesirable" since it would preclude forest radio users and others with acute spectrum needs. Frequencies are needed most by forest radio in the Pacific Northwest, the Southeast and Northeast regions of the country, according to FIT.

A more traditional approach to structuring the 220-222MHz band is advocated by FIT, including shared use and five year license terms. UPS proposes 10-year permits for nationwide channel assignments. Nationwide spectrum allocations would preclude spectrum reuse throughout the United States, FID said.

The government, which has co-primary rights to the 220-222MHz band, must be accommodated as well, FIT added.

The Association of American Railroads offered an alternative proposal to divide the new spectrum among business, industrial, public-safety and land transportation radio pools. ARR said specialized mobile radio should not be included since the service was "well provided for in the 800-and 900MHz bands".

The American Trucking Association offered strong support for the UPS plan and called it "the most satisfactory and rapid way to commence the process of ushering in more efficient use of the radio spectrum".

SEA Inc., one of the two major manufacturers of amplitude compandored single sideband radios, praised the UPS effort as a "good starting point" for establishing service rules and said it focused on broad technical objectives.

The company did say, however, that UPS's proposed emission mask is too restrictive, and a more relaxed mask is more in line with current equipment design and cost and would still provide adjacent channel interference protection.

UPS, urging the commission to move ahead swiftly toward adoption of 220-222MHz service rules, stated "delay would only disserve the public interest by adversely affecting U.S. trade, by postponing development of more efficient uses of the radio spectrum by American business, and by discouraging additional, and even continued interest and financial investment in development of narrowband technologies".

/ex

ALASKA REPEATERS:
VALID: JAN 1988

LIST SUPPLIED BY : MEL BOWNS KL7GG
STAR ROUTE BOX 1599
EAGLE RIVER, AK 99577

LOCATION LEGEND:

AL = ALEUTIAN CHAIN
IN = INTERIOR ALASKA
SC = SOUTHCENTRAL ALASKA
PA = SOUTHEASTERN ALASKA
WE = WESTERN ALASKA

REMARKS LEGEND:

A = AUTOPATCH	CA = CLOSED AUTOPATCH
A/R = ARES/RACES	ATV = AMATEUR FAST SCAN TV
C = CLOSED PRIVATE REPEATER	E = EMERGENCY POWER
EU = EMERGENCY USE	L = LINK OR CROSSBAND
O = OPEN REPEATER, CARRIER ACCESS	PL = CTCSS TONE SQUELCH ACCESS
Y = RTTY/ASCII RADIOTELETYPE	Z = DIRECT TIE TO SAFETY SRVS

GEO	LOCATION	INPUT	OUTPUT	CALL	NOTES
AL	ADAK	146.34	146.94	KH6KI	O
AL	KODIAK	146.16	146.76	KL7AF	O
AL	KODIAK	146.28	146.88	KL7HIX	O, A
IN	GALENA	146.07	146.67	KL7AA	IDITEROD, L
IN	TATALINA	146.13	146.73	KL7AA	IDITEROD, L
IN	NORTH POLE	146.37	146.97	AL7AC	O, A
IN	LAKE MINCHUMNA	147.96	146.01	KL7IS	O, L *
IN	FAIRBANKS	146.34	146.94	KL7KC	O, A
IN	FAIRBANKS	223.28	224.88	AL7FG	O, E, L
IN	FAIRBANKS	449.10	444.10	KL7NO	O
IN	FAIRBANKS	146.22	146.82	KL7KC	O
IN	FAIRBANKS	146.28	146.88	KL7KC	O
IN	FAIRBANKS	146.16	146.76	KL7B	O
PA	ZAREMBO ISLAND	147.90	147.30	W6SJJ	O, L
PA	KETCHIKAN	146.19	146.79	KL7IEN	O, A
PA	SITKA	146.22	146.82	KL7FFR	O
PA	DUNCAN CANAL	147.96	147.36	AL7DS	O, L
PA	JUNEAU	449.50	444.50	WA6AXO	O, REM BASE
PA	PETERSBURG	146.36	146.96	AL7AQ	O, A
PA	JUNEAU	146.40	147.00	KL7HFI	O, L
PA	JUNEAU	147.60	147.00	KL7HFI	O, L
PA	JUNEAU	449.70	444.70	KL7RH	O, A, E, L, Z
PA	JUNEAU/AUKE BAY	147.90	147.30	WL7BIL	O, E, R
PA	JUNEAU	146.22	146.82	KL7RH	O, A, E, L, Z
PA	HAINES	146.34	146.94	KL7CQF	O
PA	SITKA	147.90	147.30	KL7BCU	O, A

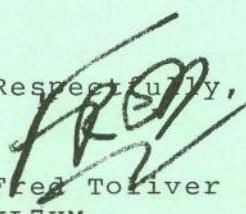
SC	ANCHORAGE	146.07	146.67	KL7AA	IDITEROD, L
SC	EAGLE RIVER	144.85	145.45	KL7GG	O, CA, E, Z
SC	ANCHORAGE	146.22	146.82	KL7EB	O, L
SC	MAT. VALLEY	146.25	146.85	KL7JFU	O, A
SC	KENAI	146.28	146.88	KL7IEJ	O, A
SC	HOMER	146.31	146.91	KL7JL	O, L
SC	ANCHORAGE	146.34	146.94	KL7AA	O, CA, E, L, Z
SC	VALDEZ	147.69	147.09	KL7GQ	O, A
SC	EAGLE RIVER	147.99	147.39	KL7GG	O, CA
SC	ANCHORAGE	147.90	147.30	KL7ION	O, E, A/R
SC	ANCHORAGE	223.34	224.94	KL7AA	O, E
SC	ANCHORAGE	439.25	421.25	KL7HD	O, L, ATV
SC	ANCHORAGE	449.70	444.70	KL7AA	O, A
SC	BALD MOUNTAIN	146.04	146.64	KL7DOB	O, SOLAR PWR
SC	SEWARD	144.60	145.20	NL7HP	O, L * *
SC	DILLINGHAM	146.34	146.94	KL7N	O, A
SC	SOLDOTNA	146.13	146.73	KL7JDR	O
SC	HOPE	146.19	146.79	AL7EB	O
WE	NOME	147.69	147.09	AL7CE	O
WE	NOME	146.07	146.67	KL7AA	IDITEROD, L
WE	UNALAKleet	146.07	146.67	KL7AA	IDITEROD, L

* - THESE STATIONS ARE NOT USING ARRL APPROVED REPEATER PAIRS.

CORRECTIONS AND ADDITIONS TO MEL BOWNS KL7GG IN WRITING.

QST, QST, QST. HELP!

As members know, the largest share of the Club's income comes by the way of its Gaming License. Due to liberalization of the Pull-Tab regulations, competition on suitable sites on which to place Pull-Tab jars has substantially increased. AARC needs additional Pull-Tab sites NOW! Therefore as the club gamester I am asking for members to check bars, restaurants, quick stores, liquor stores, etc. which you frequent for evidence of pull-tabs. If you find a likely candidate, please try to get the name of the owner and the name of the business and pass it to me. I will, in conjunction with our supplier, approach the owner with an offer. Any advanced PR would be appreciated, but not absolutely necessary. Your help in assisting AARC meet its budgetary commitments will be appreciated.

Respectfully,

 Fred Toliver
 KL7HM

ANCHORAGE AMATEUR RADIO CLUB, INC.
Post Office Box 101987
Anchorage, Alaska 99510-1987

Address Correction Requested

BULK RATE
U.S. POSTAGE
PAID
Anchorage, AK
Permit 223

L036,ARLF
ROGER HANSEN
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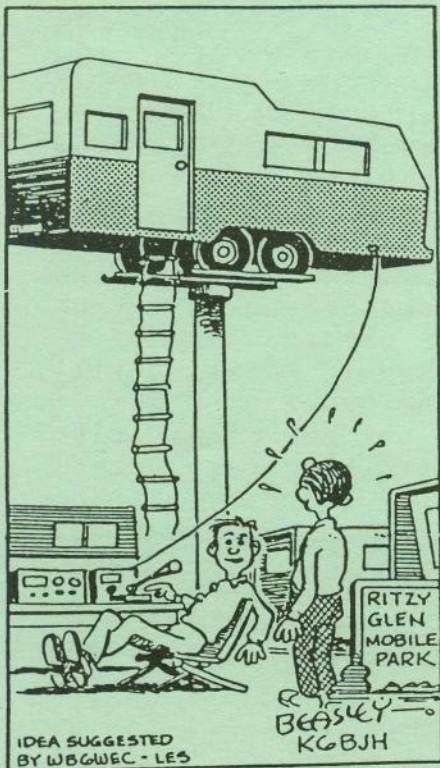
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73 Bill



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